

SAN JUAN RIVER BASIN

09378630 RECAPTURE CREEK NEAR BLANDING, UT

LOCATION.--Lat 37°45'20", long 109°28'33", in NW¹/₄NE¹/₄NW¹/₄ sec. 11, T. 35 S., R. 22 E., San Juan County, Hydrologic Unit 14080201, on right bank 100 ft below road fork, 1.9 mi north of Manti-LaSal National Forest boundary, and 9.4 mi north of Blanding.

DRAINAGE AREA.--3.77 mi².

PERIOD OF RECORD.--October 1965 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 7,200 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 142 ft³/s, Oct 20, 1972, gage height, 2.14 ft; no flow many days most years.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 8.0 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
May 2	0630	*10	*1.26				

No flow many days.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	.00	.00	.00	.00	e.03	6.0	8.0	1.4	.04	.01	.00
2	.00	.00	.00	.00	.00	e.04	7.0	9.6	1.2	.05	.01	.00
3	.00	.00	.00	.00	.00	e.05	6.8	7.5	1.3	.09	.02	.00
4	.00	.00	.00	.00	.00	e.07	6.3	6.0	1.3	.08	.02	.00
5	.00	.00	.00	.00	.00	e.09	5.9	5.1	1.9	.07	.02	.00
6	.00	.00	.00	.00	.00	e.10	7.1	4.3	1.1	.04	.02	.00
7	.00	.00	.00	.00	.00	e.10	6.3	3.8	1.1	.05	.02	.00
8	.00	.00	.00	.00	.00	e.10	5.8	4.2	.75	.06	.02	.00
9	.00	.00	.00	.00	.00	e.09	4.7	5.1	.64	.05	.01	.00
10	.00	.00	.00	.00	.00	e.08	4.2	5.5	.68	.05	.02	.00
11	.00	.00	.00	.00	.00	e.06	3.6	4.8	.47	.04	.02	.00
12	.00	.00	.00	.00	.00	.08	3.5	4.9	.26	.04	.01	.00
13	.00	.00	.00	.00	.00	.06	2.8	5.0	.24	.10	.03	.00
14	.00	.00	.00	.00	.00	.05	3.1	5.1	.17	.12	.03	.00
15	.00	.00	.00	.00	.00	.05	3.9	4.6	.13	.05	.02	.00
16	.00	.00	.00	.00	.00	.01	5.1	4.4	.09	.00	.02	.00
17	.00	.00	.00	.00	.00	.01	5.7	4.3	.05	.02	.02	.00
18	.00	.00	.00	.00	.00	.05	6.2	4.3	.04	.03	.02	.00
19	.00	.00	.00	.00	.00	.11	7.1	4.4	.03	.02	.02	.00
20	.00	.00	.00	.00	.00	.18	7.9	3.9	.03	.02	.01	.00
21	.00	.00	.00	.00	.00	.27	7.8	3.4	.05	.02	.02	.00
22	.00	.00	.00	.00	.00	1.1	7.4	2.9	.06	.02	.01	.00
23	.00	.00	.00	.00	e.01	1.7	6.1	2.6	.05	.02	.01	.00
24	.00	.00	.00	.00	e.01	1.9	5.2	2.4	.07	.02	.00	.00
25	.00	.00	.00	.00	e.01	1.8	5.0	2.4	.04	.02	.00	.00
26	.00	.00	.00	.00	e.01	1.7	5.4	2.3	.09	.03	.00	.00
27	.00	.00	.00	.00	e.03	3.1	5.9	2.4	.11	.02	.00	.00
28	.00	.00	.00	.00	e.02	5.9	7.2	2.4	.10	.02	.00	.00
29	.00	.00	.00	.00	---	5.7	7.9	2.3	.09	.01	.00	.00
30	.00	.00	.00	.00	---	5.1	8.1	1.9	.03	.01	.02	.00
31	.00	---	.00	.00	---	5.3	---	1.8	---	.01	.00	---
TOTAL	0.00	0.00	0.00	0.00	0.09	34.98	175.0	131.6	13.57	1.22	0.43	0.00
MEAN	.0000	.0000	.0000	.0000	.003	1.13	5.83	4.25	.45	.039	.014	.000
MAX	.00	.00	.00	.00	.03	5.9	8.1	9.6	1.9	.12	.03	.00
MIN	.00	.00	.00	.00	.00	.01	2.8	1.8	.03	.00	.00	.00
AC-FT	.00	.00	.00	.00	.2	69	347	261	27	2.4	.9	.00

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1966 - 2001, BY WATER YEAR (WY)

MEAN	.17	.13	.050	.035	.11	1.61	4.83	6.33	2.16	.15	.054	.018
MAX	4.77	2.32	.67	.64	.68	11.2	15.9	25.1	13.6	1.00	.73	.085
(WY)	1973	1988	1973	1973	1980	1993	1993	1983	1983	1995	1968	1988
MIN	.000	.000	.000	.000	.000	.000	.000	.002	.000	.000	.000	.000
(WY)	1979	1977	1977	1968	1977	1977	1977	1977	1977	1996	1972	1966

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SUMMARY STATISTICS	FOR 2000 CALENDAR YEAR	FOR 2001 WATER YEAR	WATER YEARS 1966 - 2001	
ANNUAL TOTAL	110.37	356.89		
ANNUAL MEAN	.30	.98	1.31	
HIGHEST ANNUAL MEAN			4.60	1983
LOWEST ANNUAL MEAN			.008	1977
HIGHEST DAILY MEAN	4.2 Apr 29	9.6 May 2	57	Oct 20 1972
LOWEST DAILY MEAN	.00 Jul 4	.00 Oct 1	.00	Dec 20 1965
ANNUAL SEVEN-DAY MINIMUM	.00 Jul 4	.00 Oct 1	.00	Dec 20 1965
ANNUAL RUNOFF (AC-FT)	219	708	948	
10 PERCENT EXCEEDS	1.2	4.9	3.8	
50 PERCENT EXCEEDS	.01	.00	.03	
90 PERCENT EXCEEDS	.00	.00	.00	

e Estimated

